

INTERNATIONAL SEARCH REPORT

Internation ation No PCT/GB 03/04572

		1	,		
a. classii IPC 7	FICATION OF SUBJECT MATTER B65G21/02				
	International Patent Classification (IPC) or to both national class	ification and iPC			
	SEARCHED currentation searched (classification system followed by classific	alles embels)			
IPC 7	B65G	alion symbols)			
Documentat	lon searched other than minimum documentation to the extent the	at such documents are includ	ed in the fields searched		
Electronic d	ata base consulted during the International search (name of data	base and, where practical, s	search terms used)		
EPO-In	ternal, WPI Data				
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT				
Category °	Cliation of document, with indication, where appropriate, of the	relevant passages	Relevant to claim No.		
X	WO 00 47499 A (DOLAN REX H) 17 August 2000 (2000-08-17) page 5, line 1 - line 8; figure page 8, line 9 - line 11	2	1-3,6		
X	US 6 170 645 B1 (MITCHELL CHARL 9 January 2001 (2001-01-09)	ES L)	1,6		
Y	column 7, line 12 - line 32; fi column 8, line 4 - line 9	gures 11-13	5,7,8		
Y	US 3 944 054 A (ENSINGER JAMES 16 March 1976 (1976-03-16) column 3, line 16 - line 19; fi	•	5,7,8		
X	GB 872 329 A (BHS BAYERISCHE BE 5 July 1961 (1961-07-05) page 2, line 17 - line 20; figu	·	1,2		
		-/			
X Furt	Ither documents are listed in the continuation of box C.	χ Patent family π	nembers are listed in annex.		
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document reterring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but		or priority date and cited to understand invention "X" document of particul carnot be consider involve an inventive "Y" document of particul cocument is combinents, such combiler to combinents, such combiler to the art.	 "X" document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled 		
	than the priority date claimed				
	actual completion of the international search 27 January 2004	Date of mailing of the 03/02/20	he International search report		
	mailing address of the ISA European Patent Office, P.B. 5816 Patentiaan 2	Authorized officer			
	NL - 2280 HV Fillswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Schneide	er, M		

INTERNATIONAL SEARCH REPORT

International ation No
PCT/GB U3/U4572

		PCT/GB U3/U4572		
C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	US 4 724 953 A (WINCHESTER DONALD M) 16 February 1988 (1988-02-16) column 2, line 3 - line 19; figure 3	1,4		
X	DE 35 13 384 A (MOELLER AUTOMATION GMBH) 6 November 1986 (1986-11-06) page 12, line 6 - line 30; figures 2,3 page 18, line 1 - line 19; figure 27	1,5-8		
X	DE 31 41 510 A (GEPPERT HELMUT) 5 May 1983 (1983-05-05) page 21, paragraph 3 -page 24, paragraph 2; figure 1	1,5		
Y	US 2 523 829 A (HUBBELL ROGER K) 26 September 1950 (1950-09-26) column 2, line 12 - line 33; figure 8 column 3, line 34 - line 69; figure 10	1,5-7		
Υ	EP 0 905 059 A (ANLAGENBAU STAMPFER GMBH) 31 March 1999 (1999-03-31) column 4, line 3 - line 7	1,5-7		
A	US 1 508 898 A (SMITH FRANK H) 16 September 1924 (1924-09-16) page 1, line 36 - line 46; figure 1	3		
	·			
		·		

INTERNATIONAL SEARCH REPORT

Internation cation No PCT/GB 03/04572

				101/45 00/043/2		
Patent document cited in search report		Publication date		Patent family member(s)	Publication date	
WO 0047499	A	17-08-2000	US WO	5934449 A 0047499 Al	10-08-1999 17-08-2000	
US 6170645	B1	09-01-2001	NONE			
US 3944054	Α	16-03-1976	CA	1025391 A1	31-01-1978	
GB 872329	A	05-07-1961	NONE			
US 4724953	A	16-02-1988	NONE			
DE 3513384	A	06-11-1986	DE ·	3513384 A1	06-11-1986	
DE 3141510	A	05-05-1983	DE	3141510 A1	05-05-1983	
US 2523829	Α	26-09-1950	NONE			
EP 0905059	A	31-03-1999	DE EP	29716417 U1 0905059 A1	12-02-1998 31-03-1999	
US 1508898	A	16-09-1924	NONE	ت راه خه سبه فوی چه کانت دی پایگر پردخام ۳		